From:	So Kim
Sent time:	09/10/2018 04:08:31 PM
To:	Selim <Selim@sawayaeng.com>
Cc:	Jill Martin <jmartin@trumpnational.com>; Ara Mihranian
Subject:	RE: Tract 50666 Fencing plan
Attachments:	Corrections (9-10-2018).pdf

Hi Selim,
Please see my comments below in green and more detailed comments in the attached map.

Sincerely,
So Kim, AICP
Deputy Director/Planning Manager
Community Development Department
City of Rancho Palos Verdes
www.rpvca.gov
(310) 544-5222

From: Selim [mailto:Selim@sawayaeng.com]
Sent: Thursday, August 30, 2018 9:33 AM
To: So Kim <SoK@rpvca.gov>
Cc: 'Jill Martin' <jmartin@trumpnational.com>; Ara Mihranian <AraM@rpvca.gov>
Subject: RE: Tract 50666 Fencing plan

Hi So,

Thank you for your prompt review regarding the fencing plan.

Providing a continuous fence on the west side between the trail and the PBC is very challenging especially that we have sewer and storm drain easements that should not be interrupted. Kindly review the attached documents with our proposed fence/rail location and provide some direction as to what would be acceptable to the City.

Also, see additional comments in red below to your comments as depicted on the plan:

Note 1 - Need 42" rail fence on west side of trail. Need shorter fence on both sides of the 3' buffer.

- This is very tricky because of sewer and storm drain easements that should not be fenced. See attached exhibit Provide removable fencing in areas within the easements.
- A shorter fence on both side of the 3 ft buffer is overkill and will not be provided. We are not conditioned for it, It is a tripping hazard, it will take away from the natural look of the area that everyone wants to preserve, It is not provided anywhere within the property. Ok.
- A 6" AC curb will be provided between the bike path and the 3' buffer only as Coastal recommended. Ok.
- The 3' buffer will be vegetated. Ok.

Note 2 - This needs to be moved so that it's along the trail. Provide fencing on both sides of the West Portal Trail.
The fence can not be moved because it interfer with a sewer easement and the access to the sanitation district trunk line (see attached) Ok.

Note 3 - Need short fence along both sides of the 3' buffer.
Please see my response to note 1 above – This is an overkill Ok.

Note 4 - Need 42" south side of trail AND shorter fence on both sides of the 3' buffer
A rail in the area you are requesting does not have neither a safety purpose nor to protect habitat. A rail in this area should not be required. As for a short fence on both sides of the 3 ft buffer, please see my response to note 1 above. Ok, provided that the areas do not contain any habitat.

Note 5- Need 42" fence along east side of trail. (west bluff trail)
The trail is constructed and open to the public. A stone wall and vegetation seperate the golf course from the traill – A fence in this location is not required. Ok.

Thank you
Selim Sawaya P.E. / P.L.S.
(626) 715-2320

From: So Kim [mailto:SoK@rpvca.gov]
Sent: Tuesday, August 28, 2018 4:41 PM
To: Selim
Cc: 'Jill Martin'; 'Rehm, Zach@Coastal'; Danny Aleshire
Subject: RE: Tract 50666 Fencing plan

Hi Selim,
Attached are few corrections.

Sincerely,
So Kim, AICP
Deputy Director/Planning Manager
Community Development Department
City of Rancho Palos Verdes
www.rpvca.gov
(310) 544-5222

From: Selim [mailto:Selim@sawayaeng.com]
Sent: Monday, August 27, 2018 7:45 AM
To: So Kim <SoK@rpvca.gov>; 'Rehm, Zach@Coastal' <Zach.Rehm@coastal.ca.gov>
Cc: 'Jill Martin' <jmartin@trumpnational.com>
Subject: Tract 50666 Fencing plan

Good Morning,

Please find attached, the Fencing Plan for Tract 50666 for your review and comments.
Kindly, let me know if you would need anything else.

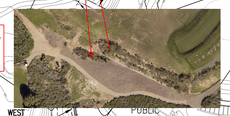
Thank you
Selim Sawaya P.E. / P.L.S.
(626) 715-2320

Need 42" rail fence on both sides of trail from the beginning of the trail at Costa de la Islas. Portions within easement could be a removable type.

6" curb is fine. Please provide a notation stating such.

If any of this is habitat, provide fencing, otherwise, I agree, no need to provide fencing.

Need 42" south side of trail. see my comments tied to the photo to the right.



PALOS VERDES DRIVE SOUTH

OCEAN VISTA TRAIL

OCEAN VISTA BIKEWAY

COSTA DE LA ISLAS

LOT 'A' LOT 'J' LOT 'C' LOT 'B' LOT 'D' LOT 'E' LOT 'F' LOT 'G' LOT 'H' LOT 'K' LOT 'T'

LOT 24 DRIVING RANGE

LOT 25

LOT 26 GOLF COURSE

LOT 27 GOLF COURSE

TRACT 50667
BK 1241 PG 71-82

WEST PORTAL TRAIL

WEST PORTAL BIKEWAY

CANYON RIM TRAIL AND BIKEWAY

EL PORTAL BICYCLE TRAIL AND SIDEWALK

PUBLIC PARKING

PUBLIC RESTROOMS

CLUBHOUSE CONNECTOR TRAIL

FLYING GOLFBALL TRAIL

LAKEVIEW TRAIL

LAKEVIEW BIKEWAY

CATALINA VIEW TRAIL

CATALINA VIEW TRAIL AND BIKEWAY

VISTA POINT OVERLOOK

DUDLEYA TRAIL

SUNSET TRAIL

SUNRISE TRAIL

PARK LOOP TRAIL

PORTUGUESE BEND VISTA POINT OVERLOOK

WEST BLUFF TRAIL

PACIFIC OCEAN

BRIDGE

MARITIME

TRIUMP

NATIONAL

STREET

DRIVE

LA

ISLAS

DE

COSTA

PUBLIC PARKING

LAKEVIEW

LOT C

LOT E

LOT D

SCALE: 1"=100'

100' 50' 0' 100' 200'
GRAPHIC SCALE

SPECIFICATIONS AND NOTES:

GENERAL:

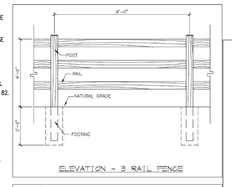
1. COLOR:
   a. POSTS AND RAILS SHALL BE INTEGRALLY COLORED.
   b. COLOR SHALL BE OMAHA TAN #5084 AS DESIGNATED BY DAVIS COLOR OR APPROVED EQUAL.

CONCRETE:

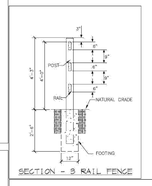
1. CONCRETE MATERIALS:
   A. CONCRETE SHALL BE NOMINAL WEIGHT CONCRETE HAVING SAND AND GRAVEL OR CRUSHED STONE AGGREGATE, MIXED WITH ASTM-C150, TYPE 1 OR II PORTLAND CEMENT TO MEET THE MINIMUM COMPRESSIVE STRENGTH AS FOLLOWS:
      1. RAILS & POSTS: 4500 PSI @ 28 DAYS
      2. FOOTINGS & PIERS: 3000 PSI @ 28 DAYS
   B. WATER USED FOR CONCRETE SHALL BE CLEAN WATER AND FREE FROM INJURIOUS AMOUNTS OF OILS, ACIDS, ALKALITES, ORGANIC OR OTHER DELETERIOUS SUBSTANCES.
2. CONCRETE WORKMANSHIP:
   A. FRESH POURED CONCRETE SHALL BE TAMPED IN TO PLACE USING STEEL RAMMER, SLICING TOOL, OR MECHANICAL VIBRATOR, UNTIL CONCRETE IS THOROUGHLY COMPACT AND WITHOUT VOIDS.
   B. EXCAVATION FOR FOOTINGS SHALL BE ON UNDISTURBED SOIL AND TO THE DEPTH NOTED ON THE DRAWINGS. LEAVE THE BOTTOM BEARING SURFACE CLEAN AND SMOOTH. IF FOOTING EXCAVATIONS ARE MADE DEEPER THAN INTENDED, ONLY CONCRETE SHALL BE USED FOR FILL. REMOVE ALL LOOSE MATERIAL FROM EXCAVATIONS PRIOR TO CONCRETE POUR.

REINFORCEMENTS:

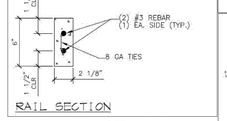
1. REINFORCING MATERIAL:
   A. DEFORMED TYPE BARS SHALL CONFORM TO ASTM-A 615, GRADE 60 & ASTM-A 775 (EPOXY-COATED) AND BE PLACED AS SHOWN IN DRAWINGS.
   B. STEEL REINFORCING WIRE SHALL MEET U.S. STEEL WIRE GAUGE, ASTM-A 82. FY = 70,000 PSI MINIMUM GALVANIZED.
   C. ALL TIES AND STIRRUPS SHALL CONFORM TO THE REQUIREMENTS OF ASTM-A/ 615, GRADE 40.
   D. ALL WIRE MESH SHALL BE 9 GAUGE GALVANIZED HAVING 3 HORIZONTAL BARS AND 4 VERTICAL BARS ON 16 INCH CENTERS.
2. REINFORCING WORKMANSHIP:
   A. REINFORCEMENT STEEL SHALL BE FABRICATED IN ACCORDANCE WITH THE CRSI STANDARD DETAIL. REINFORCING BARS SHALL BE COLD-BENT ONLY. USE OF HEAT TO BEND REINFORCEMENT STEEL SHALL BE CAUSE FOR REJECTION.
   B. REINFORCEMENT STEEL BARS AND WIRE FABRIC SHALL BE THOROUGHLY BEFORE PLACING AND AGAIN BEFORE THE CONCRETE IS PLACED. SHALL BE ACCURATELY POSITIONED AND SECURED IN PLACE. NO BRICK OR POROUS MATERIAL MAY BE USED TO SUPPORT STEEL OFF THE GROUND.
   C. INSTALL ALL REINFORCEMENT WITH THE FOLLOWING CLEARANCE BETWEEN REINFORCING STEEL AND FACE OF CONCRETE:
      1. FOOTING, PIER OR BEAM BOTTOM (3")
      2. EARTH-FORMED PIER OR BEAM SIDE (2")
      3. FORMED FOOTING, PIER OR BEAM SIDES, EXPOSED (1")
      4. PRECAST EXPOSED TO WEATHER: RAILS (3/4"), POSTS (1-1/4")



ELEVATION - 3 RAIL FENCE

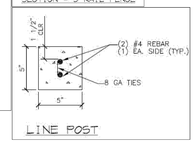


SECTION - 3 RAIL FENCE

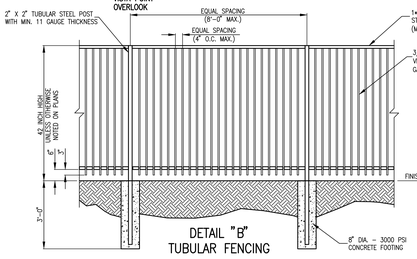


RAIL SECTION

DETAIL "A"
TRAIL FENCING



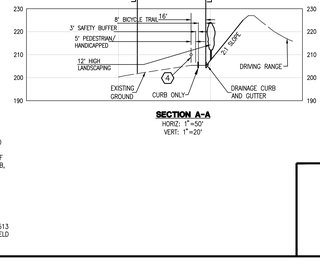
LINE POST


2" X 2" TUBULAR STEEL POST WITH MIN. 11 GAUGE THICKNESS
EQUAL SPACING (8'-0" MAX.)
EQUAL SPACING (4" O.C. MAX.)
1"-1/2" X 1"-1/2" TUBULAR STEEL RAILS TOP AND BOTTOM (MIN. 11 GAUGE THICKNESS)
3/4" SQUARE TUBULAR STEEL VERTICAL PICKETS (MIN. 14 GAUGE THICKNESS)
6" INCH HIGH CONCRETE CURB AS NEEDED
FINISH GRADE
3'-0"
8" DIA. - 3000 PSI CONCRETE FOOTING

DETAIL "B"
TUBULAR FENCING

SPECIFICATION AND NOTES – TUBULAR FENCE/RAILING:

1. ALL CONCRETE USED SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3600 PSI @ 28 DAYS.
2. ALL TUBULAR STEEL POSTS, RAILS AND PICKETS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
3. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF FENCE MEMBERS. GRIND SMOOTH ALL WELDS.
4. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF RUST-PROOF PAINT.
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE MANUFACTURING GATES AND FENCE.
6. ALL TUBULAR STEEL FENCE MEMBERS ARE TO BE IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILE STRENGTH, 60,000 PSI YIELD STRENGTH.



SECTION A-A
HORIZ: 1"=50'
VERT: 1"=20'

LEGEND

- EXISTING TUBULAR STEEL FENCE
- PROPOSED TUBULAR STEEL FENCE
- RAIL FENCE AT BLUFF TOP
- HABITAT PERIMETER FENCE

FENCING CONSTRUCTION NOTES

1. 6' CONSTRUCT 42 INCH HIGH TUBULAR STEEL FENCE PER DETAIL "B" HEREON OR APPROVED EQUAL.
2. CONSTRUCT 6' HIGH LATTICE WOOD FENCE WITH WOOD POSTS ON TOP OF EXIST. STONE RETAINING WALL.
3. INSTALL A 6' HIGH LATTICE WOOD FENCE WITH WOOD POSTS, FENCE POSTS TO BE STABILIZED WITHOUT THE USE OF CONCRETE FOOTINGS.
4. INSTALL 42 INCH HIGH PIPE RAIL FENCE OR APPROVED EQUAL. ALTERNATIVELY, A FENCE PER DETAIL "A" HEREON CAN BE USED.
5. CONSTRUCT 30 INCH HIGH SLUMPSTONE WALL.

SIGNS

WARNING SIGNAGE SHALL BE BLACK OR DARK GREEN

1. TRAIL NAME, DESTINATION, LEVEL OF DIFFICULTY (EASY, MODERATE, CHALLENGING), TYPE (PEDESTRIAN, BICYCLE).
2. HANDICAP ACCESSIBLE TRAIL.
3. BEACH ACCESS TRAIL.
4. BIKEWAY NAME, DESTINATION, LEVEL OF DIFFICULTY (EASY, MODERATE, CHALLENGING), TYPE (BICYCLE).
5. END BIKE TRAIL.
6. END BIKE LANE.
7. NO BICYCLE ACCESS.
8. PUBLIC ACCESS PARKING ONLY.
9. PUBLIC RECREATION PARKING ONLY, NO GOLF PARKING.
10. HANDICAP PARKING.
11. WARNING SIGN (BEYOND THIS POINT THE PUBLIC TRAIL IS STEEP AND UNPAVED, PROCEED AT YOUR OWN RISK).
12. ACTIVE GOLF AREA, PROCEED WITH CAUTION.
13. WARNING, DANGEROUS CONDITION DO NOT CLIMB ON OR OVER THE FENCE DON'T EVEN THINK ABOUT IT!
14. NO PERSONS SHALL REMAIN IN ANY PARK BETWEEN ONE HOUR AFTER SUNDOWN AND ONE HOUR BEFORE SUNRISE.
15. ALL DOGS MUST BE ON A LEASH (6 FT. MAX. LENGTH).
16. ALL PETS MUST BE RESTRAINED ON A LEACH (6 FT. MAX. LENGTH). PLEASE PICK UP AFTER YOUR PET.
17. NO ANIMALS (NO ANIMALS PERMITTED ON THE BEACH OR THE OCEAN).
18. PUBLIC RESTROOMS (DIRECTIONAL).
19. CLUBHOUSE AND GRILL OPEN TO THE PUBLIC.
20. DIRECTION TO PUBLIC TRAIL
21. DIRECTION TO PARK, TRAILS, CLUBHOUSE AND RESTAURANTS.
22. GOLFERS ONLY, NO TRAIL ACCESS.
23. GOLFERS ONLY, NO PEDESTRIAN ACCESS.
24. PRESERVE RULES
25. HABITAT AREA.
26. NO TRESPASSING, ENDANGERED SPECIES HABITAT.
27. ENVIRONMENTALLY SENSITIVE HABITAT, PLEASE KEEP OUT
28. PARKS NAME.
29. WWII PLAQUE.
30. WARNING SIGN, (BEYOND THIS POINT MAINTENANCE VEHICLES / GOLF CARTS ARE PROHIBITED.

XX PROPOSED
PROPOSED SIGN
XX EXISTING
EXISTING SIGN

PREPARED BY:
SAWAYA ENGINEERING CONSULTANTS, INC
26800 IRONSTONE STREET
YORBA LINDA, CA 92887
(714) 974-8546 Tel
(714) 974-8556 FAX
CIVIL ENGINEERING / LAND PLANNING / SURVEYING

PREPARED FOR:
V H PROPERTY CORP / TRUMP ORGANIZATION
ONE OCEAN TRAILS DRIVE
RANCHO PALOS VERDES, CALIFORNIA 90275
TEL: (310) 345-4501

CITY OF RANCHO PALOS VERDES

TRUMP NATIONAL GOLF CLUB

FENCING / WALL PLAN

TRACT 50666

SCALE: 1"=100' | PROJECT NO: 208-006 \ 15-2 | DATE: MAY 2018

SHEET 1 OF 1 SHTS

Plotted: 08/27/18 07:43:59 DWG: H:\008\208-006\15-2 - Tract 50666\Engr\Imp Plans\Fence\Fence-S1.dwg